

Title (en)
Suction ring for microkeratomes

Title (de)
Saugring für Mikrokeratome

Title (fr)
Anneau de succion pour microkératomes

Publication
EP 1243236 A1 20020925 (EN)

Application
EP 02380064 A 20020320

Priority
ES 200100652 A 20010321

Abstract (en)
This suction ring is composed of a ring-shaped body (1) with an incarcerated, bevelled front opening (2), with an anterolateral cannula (4) for connection to a vacuum pump and a dovetail guide (7) on which the microkeratome cutting blade moves. The lateral wall of the body (1) has a tapered truncated conical configuration, diverging backwards for adaptation to the eyeball, in order to increase the suction capacity to the eye. The front area has a wider stepped perimeter (6), which together with a bulge (8) on the outer edge and corresponding to the tips of the guide (7), increases the effective length of the latter, allowing better fixation of the cutting blade. <IMAGE>

IPC 1-7
A61F 9/013

IPC 8 full level
A61F 9/013 (2006.01)

CPC (source: EP ES US)
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Citation (search report)

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